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INDEX TO AMERICAN BOTANICAL LITERATURE (1908)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material ; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions their kindness will be appreciated.

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Ames, O. *Orchidaceae* : illustrations and studies of the family *Orchidaceae*, issuing from the Ames Botanical Laboratory, North Easton, Massachusetts. Fascicle II. i-x. 1-288. *pl.* 17-25. 18 F 1908.

Arthur, J. C. New species of *Uredineae* — VI. Bull. Torrey Club 34 : 583-592. 27 F 1908.

Includes new species in *Puccinia* (7), *Prospodium*, *Calliospora*, *Aecidium* (3), *Caeoma*, and *Uredo* (2).

Barnhart, J. H. A new *Utricularia* from Long Island. Bull. Torrey Club 34 : 579-582. *pl.* 34. 27 F 1908.
Utricularia virgatula Barnhart.

Barnhart, J. H. The published work of Lucien Marcus Underwood. Bull. Torrey Club 35 : 17-38. 29 F 1908.

Basin, S. L. The plant and the season. Am. Homes and Gardens 5 : 116-119. [F] 1908.

Bicknell, E. P. The ferns and flowering plants of Nantucket — I. Bull. Torrey Club 35 : 49-62. 9 Mr 1908.

Bicknell, E. P. The white cedar in western Long Island. Torrey 8 : 27, 28. 26 F 1908.

Blumer, J. C. Some effects of frost in the Southwest. Torrey 8 : 25, 26. 26 F 1908.

Britton, E. G. Notes on nomenclature — IX. Bryologist 11 : 24, 25. Mr 1908.

- Britton, E. G.** The collections of mosses and hepatics. Jour. N. Y. Bot. Gard. **9**: 21-23. F 1908.
- Britton, N. L.** Professor Underwood's relation to the work of the New York Botanical Garden. Bull. Torrey Club **35**: 39, 40. 29 F 1908.
- Britton, N. L.** The herbarium of the late Dr. Otto Kuntze. Jour. N. Y. Bot. Gard. **9**: 19-21. F 1908.
- Britton, N. L. & Rose, J. N.** A preliminary treatment of the *Opuntioideae* of North America. Smithson. Misc. Coll. **50**: 503-540. 20 F 1908.
Includes 15 new species in *Opuntia*.
- Chodat, R.** Étude critique des genres *Scoparia* L. et *Hasslerella* Chod. (Suite et fin). Bull. Herb. Boiss. II. **8**: 85-89. f. 27-36. 31 Ja 1908.
Includes 2 new species, one each in *Scoparia* and *Hasslerella*, gen. nov.
- Clarke, D. A.** Flowering apples. Horticulture **10**: 293, 294. 7 Mr 1908. [Illust.]
- Clute, W. N.** A new fern from the United States. Fern Bull. **16**: 1, 2. [Mr] 1908. [Illust.]
Asplenium Ferrissi Clute.
- Clute, W. N.** But half a fern. Fern Bull. **16**: 5-12. [Mr] 1908. [Illust.]
- Clute, W. N.** Rare forms of ferns—VI. A cut-leaved crest fern. Fern Bull. **16**: 12, 13. [Mr] 1908. [Illust.]
- Collins, F. S.** George Edward Davenport. Rhodora **10**: 1-9. *portrait*. 20 F 1908.
- Curtis, C. C.** A biographical sketch of Lucien Marcus Underwood. Bull. Torrey Club **35**: 1-12. *portrait*. 29 F 1908.
- Cushman, J. A.** A synopsis of the New England species of *Tetmemorus*. Bull. Torrey Club **34**: 599-601. 27 F 1908.
- Dode, L. A.** Sur les platanes. Bull. Soc. Dendr. France **1908**: 27-68. 15 F 1908. [Illust.]
- Edgerton, C. W.** Notes on a parasitic *Gnomonia*. Bull. Torrey Club **34**: 593-597. f. 1-3. 27 F 1908.
- Farlow, W. G.** Notes on fungi—I. Rhodora **10**: 9-17. 20 F 1908.
- Fernald, M. L.** The representatives of *Rumex salicifolius* in eastern North America. Rhodora **10**: 17-20. 20 F 1908.
- Fink, B.** Further notes on Cladonias — XIV. *Cladonia digitata*, *Cladonia deformis*, and *Cladonia bellidiflora*. Bryologist **11**: 21-24. pl. 3. Mr 1908.

- Foster, A. S.** *Alnus oregana* as a cryptogamic host. *Bryologist* **11**: 33-35. Mr 1908.
- Gandoger, M.** Enumeratio *Atriplicum* in Argentina hucusque cognitarum. *Bull. Soc. Bot. France* **54**: 583-586. 7 Ja 1908.
Includes new species in *Atriplex* (2) and *Chenopodium*.
- Grout, A. J.** A list of mosses collected in the mountains of western North Carolina in the summer of 1907. *Bryologist* **11**: 25-30. Mr 1908.
- Hammond, H. S.** The embryology of *Oxalis corniculata*. *Ohio Nat.* **8**: 261-264. *pl.* 18. 15 F 1908.
- Hans, A.** *Polystichum acrostichoides* × *angulare*. *Fern Bull.* **16**: 14, 15. [Mr] 1908.
- Hans, A.** *Polystichum acrostichoides recurvatum*. *Fern Bull.* **16**: 15. [Mr] 1908.
- Hemsley, W. B.** The *Julianiaceae*: a new family of plants. *Gard. Chron.* **43**: 98, 99. *f.* 42. 15 F 1908.
- Hill, E. J.** A red-fruited huckleberry. *Torreya* **8**: 30, 31. 26 F 1908.
- House, H. D.** Two Bahamian species of *Evolvulus*. *Bull. Torrey Club* **35**: 89, 90. 9 Mr 1908.
Evolvulus bahamensis House and *E. Bracei* House, spp. nov.
- Howe, M. A.** Lucien Marcus Underwood: a memorial tribute. *Bull. Torrey Club* **35**: 13-16. 29 F 1908.
- Howe, R. H.** Lichens of the Mount Monadnock region, N. H. *Bryologist* **11**: 35-38. Mr 1908.
- Jepson, W. L.** The distribution of *Juglans californica* Wats. *Bull. So. Cal. Acad. Sci.* **7**: 23, 24. Ja 1908.
- Klincksieck, P.** Les plantes d'Europe adventices ou naturalisées aux États-Unis d'Amérique, constatées a deux intervalles: 1832 et 1896. *Bull. Soc. Bot. France* **54**: xxx-xlii. 7 Ja 1908.
- Livingston, B. E.** A method of controlling plant moisture. *Plant World* **11**: 39, 40. F 1908.
- Lloyd, F. E.** A perennial dodder. *Plant World* **11**: 40, 41. F 1908.
- MacDougal, D. T.** First crosses breeding true. *Plant World* **11**: 42. F 1908.
- MacDougal, D. T.** Heredity and environic forces. *Science* **11**: 121-128. 24 Ja 1908.
- MacDougal, D. T.** Problems of the desert. *Plant World* **11**: 28-39. *f.* 1. F 1908.

- Mackenzie, K. K.** Notes on *Carex* — III. Bull. Torrey Club **34**: 603-607. 27 F 1908.
Includes 4 new species.
- Malme, G. O. A.** Contributions à l' étude des espèces paraguayenses du genre *Oxyptalum* R. Br.—I. Section *Tweediopsis*. Bull. Herb. Boiss. II. **8**: 98-106. 31 Ja 1908.
Includes 5 new species.
- Monks, S. P.** Diatoms. Bull. So. Cal. Acad. Sci. **7**: 12-17. f. 1-4. Ja 1908.
- Murrill, W. A.** The spread of the chestnut disease. Jour. N. Y. Bot. Gard. **9**: 23-30. f. 4-8. F 1908.
- Nestler, A.** Das Sekret der Drüsenhaare der Gattung *Cypripedium* mit besonderer Berücksichtigung seiner hautreizenden Wirkung. Ber. Deuts. Bot. Gesells. **25**: 554-567. pl. 14. 27 Ja 1908.
- Ortmann, A. E.** The distribution of closely allied species. Science II. **27**: 427-429. 13 Mr 1908.
- Osborne, T. B. & Clapp, S. H.** Hydrolysis of the proteins of maize, *Zea Mays*. Am. Jour. Physiol. **20**: 477-493. 1 Ja 1908.
- Osborne, T. B. & Clapp, S. H.** The hydrolysis of gliadin from rye. Am. Jour. Physiol. **20**: 494-499. 1 Ja 1908.
- Pool, R. J.** Some common shrubs [of the Trinchera estate, Colorado]. Arboriculture **7**: 35. Mr 1908.
- Reynolds, E. S.** *Scirpus hudsonianus* in Rhode Island. Rhodora **10**: 20. 20 F 1908.
- Robinson, C. B.** Alabastra philippinensia — I. Bull. Torrey Club **35**: 63-75. 9 Mr 1908.
- Robinson, C. B.** The name *Chara*. Torreyia **8**: 29, 30. 26 F 1908.
- Roland-Gosselin, R.** *Cereus tricostratus* sp. nov. et *Cereus Plumieri* sp. nov. Bull. Soc. Bot. France **54**: 664-669. 10 F 1908.
The species are from Mexico and the Grenadine Islands, respectively.